

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("10144506").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 10:51
L2	7	PTC same varistor same printed	US-PGPUB; USPAT	OR	ON	2006/03/27 10:52
L3	26	overcurrent same overvoltage same printed	US-PGPUB; USPAT	OR	ON	2006/03/27 11:05
L4	0	(10/672088).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/27 11:05
L5	1	10/672088	US-PGPUB; USPAT	OR	ON	2006/03/27 13:14
L6	5	"6353236"	US-PGPUB; USPAT	OR	ON	2006/03/27 13:25
L9	706	(surge near2 suppression voltage near3 suppression overvoltage near3 suppression) and (overcurrent current near3 surge current near3 spike overcurrent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 13:49
L10	1928	(361/103,104,106).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/27 13:50
L11	28	10 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 13:50
L12	2011	(361/91.1,111).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/27 13:50
L13	112	12 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 13:50
L14	31	13 and (printed near4 board PCB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 14:07
L15	3	"10144506"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 14:07
S12 1	2423	overcurrent same overvoltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:57

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S12 2	276	S121 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:30
S12 3	226	S121 and (printed near3 circuit PCB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:57
S12 4	34	("20040150500" "4237441" "4238812" "4315237" "4317027" "4426633" "4545926" "4689475" "4724417" "4774024" "4780598" "4800253" "4841259" "4845838" "4859836" "4907340" "4924074" "4935156" "5049850" "5378407" "5461351" "5805431" "5852397" "5903820" "5914644" "5982253" "6018448" "6130597" "6157528" "6241537" "6300859" "6392528" "6487084" "6509807").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 17:38
S12 5	3	("5089688" "6239977" "6300859").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 17:39
S12 6	4	("5545591" "5691688" "6285005" "6322921").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 17:46
S12 7	3235	overcurrent and overvoltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:57
S12 8	298	S127 and (printed near3 circuit PCB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:58

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S12 9	126	("20010000685" "20020050914" "20020130757" "20020140540" "2482316" "3221145" "3351882" "3435399" "3497859" "3648364" "3775725" "3835434" "4088828" "4200970" "4237441" "4238812" "4255698" "4272471" "4304987" "4315237" "4317027" "4327351" "4330703" "4350283" "4371860" "4388607" "4426633" "4434416" "4445026" "4463407" "4475138" "4486737" "4486738" "4514620" "4529960" "4534889" "4545926" "4560498" "4591700" "4593181" "4605471" "4660017" "4689475" "4706060" "4714910" "4724417" "4757298" "4757581" "4774024" "4777718" "4780598" "4786888" "4788523" "4800253" "4801784" "4811164" "4845838" "4861966" "4873508" "4876439" "4882466" "4904850" "4907340" "4924074" "4924204" "4924205" "4935156" "4937551" "4959505" "4977309" "4992771" "4993142" "5015824" "5017243" "5049850" "5057811" "5085364" "5089801" "5142263" "5166658" "5194316" "5196136" "5210516" "5212466" "5216404" "5228188" "5241741" "5247277" "5258738" "5271548" "5280263" "5291535" "5303115" "5347258" "5351390" "5378407" "5382938" "5451919" "5451921" "5488348" "5582770" "5747147" "5763929" "5777541" "5801612" "5818676" "5831510" "5852397" "5864281" "5907271" "5907272" "5907273" "6020808" "6104587" "6130597" "6172591" "6188308" "6297722" "6331763" "6429533" "6570483").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 18:09
S13 0	6	("4689475" "5245309" "5414403" "5493266" "5831510" "5874885").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 18:10
S13 1	4	("3878501" "4352083" "4534889" "4647900").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 18:10
S13 2	35	("5414403").URPN.	USPAT	OR	ON	2006/03/23 18:11
S13 3	17	("1167163" "1483539" "1935810" "2409150" "3486156" "3685026" "3685028" "4163204" "4331948" "4347505" "4726991" "4795998").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 18:21
S13 4	15	("3177405" "4000841" "4642733" "4794485" "4876626" "5053919" "5311393" "5500782" "5508873" "5701227" "5953193" "5966282" "5969932" "6304188").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 18:30

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S13 5	116	("2482316" "3221145" "3351882" "3435399" "3497859" "3648364" "3775725" "3835434" "4088828" "4200970" "4237441" "4238812" "4255698" "4272471" "4304987" "4315237" "4317027" "4327351" "4330703" "4352083" "4371860" "4388607" "4426633" "4434416" "4445026" "4463407" "4475138" "4486737" "4486738" "4514620" "4529960" "4534889" "4545926" "4560498" "4591700" "4593181" "4605471" "4660017" "4689475" "4706060" "4714910" "4724417" "4757298" "4757581" "4774024" "4777718" "4780598" "4786888" "4788523" "4800253" "4801784" "4811164" "4845838" "4861966" "4873508" "4876439" "4882466" "4904850" "4907340" "4924074" "4924204" "4924205" "4935156" "4937551" "4959505" "4977309" "4992771" "4993142" "5015824" "5017243" "5049850" "5057811" "5085364" "5089801" "5142263" "5166658" "5194316" "5196136" "5210516" "5212466" "5216404" "5228188" "5241741" "5247277" "5258738" "5271548" "5280263" "5291535" "5303115" "5347258" "5351390" "5378407" "5382938" "5451919" "5451921" "5488348" "5582770" "5747147" "5777541" "5801612" "5818676" "5831510" "5852397" "5864281" "5907271" "5907272" "5907273" "6020808" "6104587" "6130597" "6172591").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 18:39
S13 6	12	("3798587" "3947729" "4887183" "5086368" "5101324" "5177668" "5299088" "5483409" "5595507" "5596475" "5627721" "5996880").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 18:55
S13 7	610	(surge near2 suppression voltage near3 suppression overvoltage near3 suppression) and (overcurrent current near3 surge current near3 spike overcurrent)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 13:48
S13 8	706	(surge near2 suppression voltage near3 suppression overvoltage near3 suppression) and (overcurrent current near3 surge current near3 spike overcurrent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:57
S13 9	122	S138 and (printed near3 circuit PCB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:57
S14 0	67148	(voltage near3 suppress\$3 surge near3 suppress\$3 overvoltage transient near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:01
S14 1	221134	(current near3 limiting current near2 limiter overcurrent current near2 limit PTC thyristor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:51
S14 2	267420	(voltage near3 suppress\$3 surge near3 suppress\$3 overvoltage transient near2 voltage varistor MOVs)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:49

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S14 3	19505	S141 and S142	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:02
S14 4	1394	S143 and (printed near4 board PCB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:02
S14 5	313	S144 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:02
S14 6	14	("5712610").URPN.	USPAT	OR	ON	2006/03/24 10:32
S14 7	6	("3445798" "4873506" "5367280" "5712610" "5939969").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/24 10:34
S14 8	1	("6452475").URPN.	USPAT	OR	ON	2006/03/24 10:35
S14 9	6	("4001649" "5640293" "5712610" "5834131" "6104583" "6114672").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/24 10:38
S15 0	1	("4433342").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/24 10:46
S15 1	109	("4809044").URPN.	USPAT	OR	ON	2006/03/24 10:46
S15 2	2245	(voltage near3 suppress\$3 surge near3 suppress\$3 overvoltage transient near2 voltage varistor MOVs zener) near4 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:18
S15 3	2273	(current near3 limiting current near2 limiter overcurrent current near2 limit PTC) near4 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:47
S15 4	28	S152 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 10:51
S15 5	10	("3795048" "3805022" "4152743" "4271446" "4347539" "4534889" "4583146" "4780598" "5008646" "5064997").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/24 10:57
S15 6	3	("4160748" "4400683" "4908597").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/24 10:58
S15 7	14	("5008646").URPN.	USPAT	OR	ON	2006/03/24 10:58

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S15 8	8	("4400683" "4706060" "5008646" "5059941" "5075665" "5159300" "5164698" "5173670").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/24 11:14
S15 9	1865	(voltage near3 suppress\$3 surge near3 suppress\$3 overvoltage transient near2 voltage varistor MOVs none near2 linear near3 resistor voltage near3 dependent near4 resistor) near4 (ceramic laminate laminated laminating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 13:52
S16 0	3517	(current near3 limiting current near2 limiter overcurrent current near2 limit PTC) near4 (ceramic laminated laminate laminating layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:20
S16 1	19	S159 and S160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:20
S16 2	7150	(current near3 limiting current near2 limiter overcurrent current near2 limit PTC) and (printed near4 board PCB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:59
S16 3	6	S159 and S162	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:22
S16 4	269499	(voltage near3 suppress\$3 surge near3 suppress\$3 overvoltage transient near2 voltage varistor MOVs none near2 linear near3 resistor voltage near3 dependent near4 resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:50
S16 5	1290	S164 and S162	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:50
S16 6	267	S165 and substrates	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:51
S16 7	154919	(current near3 limiting current near2 limiter overcurrent current near2 limit PTC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 11:59
S16 8	7100	S164 same S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 13:53

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S169	152	S168 same (ceramic laminate laminated laminating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:00
S170	917	(voltage near3 suppress\$3 surge near3 suppress\$3 overvoltage transient near2 voltage varistor MOVs none near2 linear near3 resistor voltage near3 dependent near4 resistor) near4 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:15
S171	90	S167 and S170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:15
S172	3712	(voltage near3 suppress\$3 surge near3 suppress\$3 overvoltage transient near2 voltage varistor MOVs none near2 linear near3 resistor voltage near3 dependent near4 resistor) near4 (ceramic laminate laminated laminating layer dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:21
S173	26	S172 and S162	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 12:25
S174	215	S172 and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 13:13
S175	1	("6640420").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/24 13:13
S176	2298	(voltage near3 suppress\$3 surge near3 suppress\$3 overvoltage transient near2 voltage varistor MOVs none near2 linear near3 resistor voltage near3 dependent near4 resistor) near4 (chip die)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 14:01
S177	79	S176 and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/24 13:53
S179	1	("6087923").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/24 14:36
S180	1	("6023403").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/24 14:36